



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer	X	Compost		SLAS	COUNTY: Durham PERMIT NO.: 32-12 T FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: February 14, 2012 **Date of Last Inspection:** September 16, 2010

FACILITY NAME AND ADDRESS:

City of Durham Transfer Facility
 2115 East Club Boulevard
 Durham, NC 27704

GPS COORDINATES: N: 36.02810 E: -78.85553

FACILITY CONTACT NAME AND PHONE NUMBER:

Chris Marriott, City of Durham – Waste Disposal Manager

w. 919-560-4186 x32253

f. 919-560-1197

c. 919-452-2804

chris.marriott@durhamnc.gov

FACILITY CONTACT ADDRESS:

Chris Marriott, Waste Disposal Manager
 City of Durham Solid Waste Management Department
 1833 Camden Avenue
 Durham, NC 27704

PARTICIPANTS

John Patrone, NCDENR – Solid Waste Section (SWS)

Chris Marriott, City of Durham – Waste Disposal Manager

Dan Jarboe, Mr. Bult's, Inc – Terminal Manager

Lisa Gauldin, City of Durham - Scale House Operator

STATUS OF PERMIT:

Permit To Construct/Operate (PTC/PTO) issued April 12, 2010

PTC conditions – Not Applicable

PTO expiration date April 12, 2015

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

None

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OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

On February 14, 2012, John Patrone met with Chris Marriott, Dan Jarboe, and Lisa Gauldin to conduct a comprehensive audit of the City of Durham Transfer Facility located on East Club Boulevard in Durham, Durham County.

1. The facility is owned by the City of Durham and operated by Republic Services of NC LLC. Republic Services has sub-contacted operation of the transfer facility to Mr. Bult's, Inc. (MBI).
2. The facility is open Monday through Friday 7:30 am to 4:30 pm and Saturday 7:30 am to noon.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is permitted to receive municipal solid waste (MSW) generated in Durham, Chatham, Granville, Orange, Person, and Wake Counties.
5. Municipal solid waste is currently disposed of at Uwharrie Environmental MSW Landfill (62-04).
6. The following are facility certified personnel:
 - a. Christopher R. Marriott, Certified Landfill Manager (MOLO), No. 80770, exp. 01/13/14
 - b. Bruce Woody, Certified Transfer Station Operations Specialist, TS-2007121, exp. 12/06/13
 - c. Lisa M. Gauldin, Certified Transfer Station Operations Specialist, TS-2008034, exp. 04/05/14
 - d. Russell L. Suitt, Certified Transfer Station Operations Specialist, TS-2009718, exp. 07/16/12
 - e. Keith A. Russell, Certified Transfer Station Operations Specialist, TS-20101110, exp. 11/29/13
 - f. Dan Jarboe, Certified Transfer Station Operations Specialist, TS-2009016, exp. 02/27/15
 - g. Jesus Castro, Certified Transfer Station Operations Specialist, TS-20101104, exp. 11/29/13
 - h. Phillip L. Mann, Certified Transfer Station Operations Specialist, TS-2011050, exp. 10/20/14
7. A vehicle scale test was conducted by the NC Department of Agriculture & Consumer Services on October 31, 2011. An error was indicated and service required. Vehicle scale calibration was conducted by Fairbanks Scales, Inc. on November 30, 2011. Vehicle scale test indicated zero error.
8. The facility does not have an outside weight indicator or ability to reposition the scale house indicator display.
9. The facility deposits bulk item MSW into an open-top trailer via the load-out bay and non-bulk item MSW into a stationary compactor that off-loads, via compaction cylinder, into a walking floor trailer. The compactor load-hopper is located inside of the transfer station building. The compaction unit and associated off-load trailer are located outside, adjacent to the facility. The compactor off-load trailer hold ~ 20 tons.
10. The facility has a resident drop-off convenience center located at the entrance to the property that accepts MSW, cardboard, paper, glass, plastics, steel, aluminum, scrap metal, wooden pallets, televisions and computers (e-wastes), used oil, lead acid batteries, motor vehicle oil filters, antifreeze, used cooking oil, white goods, and scrap tires. E-wastes are picked up by ECOFLO, Inc. A swap-shop is located adjacent to the convenience center.
11. The facility has a yard waste drop-off area adjacent to the transfer station building. Residents off-load material onto the ground and facility personnel place it into open top containers. The open top containers are routinely hauled to the City of Durham Solid Waste Compost facility (SWC 32-04) for processing. Ensure that the yard waste resident drop-off collection procedure is documented in the facility operations plan when the permit is renewed/modified.
12. Facility capacity is 650 – 1,100 TPD or ~ 180,000 TPY.

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13. The facility annual report (FAR) submitted to the SWS is dated July 19, 2011. Tonnage received July 2010 through June 2011 is 136,878.74. Municipal solid waste was hauled to Brunswick MSW Landfill in VA, permit No. 583 and the Uwharrie Environmental MSW Landfill, permit No. 62-04.
14. The facility maintains records of the amount of MSW received and shipped-out. Monthly records were reviewed. Total tonnage invoiced for July 2011 through January 2012 is 75,935.52.
15. Mr. Bult's, Inc. owns, moves, and hauls the transfer trailers. Transfer trailers on site appeared to be in good condition. During the weekend (Saturday through Monday morning), 1 to 3 full transfer trailers may be stored on site.
16. Mr. Bult's, Inc. hauls-off ~ 20 - 22 transfer trailers a day Monday and Tuesday and ~ 15 trailers a day Wednesday through Friday.
17. Waste screening reports were reviewed for September 1, 2011 through February 10, 2012. Per the operations plan, ensure the facility conducts three waste screenings a day.
18. Scrap tire certifications were verified. Records for January 4 through January 21 and November 3 through November 30, 2011 were reviewed. Scrap tire transfer trailers weighing 55 – 60 tons apiece are shipped to Central Carolina Holdings LLC.
19. The facility manages white goods containing chlorofluorocarbons (CFCs). White goods containing CFCs are kept separate from scrap metal. Facility personnel remove CFCs. Records of the amount of CFCs are maintained. Records for July 2010 through January 2012 were verified. The facility collected 344 white goods of which ~ 11 lbs of CFCs were extracted. A copy of the Freon removal procedure was verified.
20. The following are facility personnel certified as a Type 1 Technician to remove CFCs, required by 40 CFR, Part 82, Subpart F:
 - a. Bruce Woody, certification No. NC-000-3076, issued: 03/10/10
 - b. Phillip Mann, certification No. NC-000-6334, issued: 09/09/11
21. The leachate settling tank/oil-water separator was pumped-out by Safety-Kleen on April 14 and October 7, 2011, of which ~ 2,800 gallons was removed each time. And the City of Durham Department of Water Management pumped the tank twice in 2011 prior to maintenance/new construction. Leachate is piped to the North Durham Water Reclamation Facility.
22. The leachate floor drain/grate appeared functional. A leachate drain is located in the transfer station building (tipping floor sloped to direct leachate to drain). Stormwater drains are located across the access roads.
23. The transfer station building appeared to be in good repair.
24. Mr. Jarboe stated that the tipping floor and load-out area are cleaned daily. The facility is in the process of power washing the transfer station walls, although the water hose is broken. Ensure that the water hose is repaired and that the transfer station is periodically power washed.
25. Mr. Marriott stated that the facility does not conduct second shift recycling operations/bulking of recyclable material on the tipping floor. City of Durham recycling is brought to Sonoco Recycling, Inc. as it is collected.
26. The City of Durham Fire Department will respond to an emergency at the facility.
27. There was no indication of erosion or runoff.
28. No windblown material was observed.
29. The facility is secured by a locked gate. Personnel are on site during operating hours.
30. Access roads are of all-weather construction.
31. The facility has proper signage.
32. The permit expiration date is April 12, 2015.
33. Permit renewal application shall be submitted to the SWS by October 12, 2014.

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Please contact me if you have any questions or concerns regarding this inspection report.



John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>February 21, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <input type="text"/>
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Copies: Dennis Shackelford, Eastern District Supervisor
Shawn McKee, Environmental Senior Specialist
Donald Long, City of Durham - Solid Waste Director (donald.long@durhamnc.gov)
Rick Prather, Republic Services – General Manager (rprather@republicservices.com)

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Digital pictures taken February 14, 2012
by John Patrone, DWM-SWS

Transfer station building



Tipping floor (square leachate floor drain adjacent to loader rear wheel)



Load-out bay



Compactor unit (outside, adjacent to transfer building)

